

# **Volume of Petroleum Products**

**Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state**  
thousand gallons per day

Geographic area month	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>United States</b>										
November 2019	19,562.8	19,903.3	16,387.9	233,994.8	11,625.3	1,561.1	1,573.0	160.1	1,441.2	-
October 2019	19,624.2	19,997.0	16,719.2	238,956.3	11,376.9	1,577.9	1,589.6	161.0	1,540.1	-
November 2018	20,226.7	20,523.3	16,663.0	233,202.6	15,201.7	1,668.0	1,681.5	210.0	1,694.5	-
<b>PAD District 1</b>										
November 2019	6,406.7	6,534.9	W	68,703.9	W	567.9	571.4	W	W	-
October 2019	6,425.6	6,569.6	W	69,041.1	W	559.7	564.4	W	W	-
November 2018	6,545.3	6,631.4	W	W	2,144.7	578.7	581.8	W	W	-
<b>Subdistrict 1A</b>										
November 2019	W	W	W	W	-	W	W	-	23.4	-
October 2019	W	W	W	W	-	W	W	-	25.4	-
November 2018	W	W	W	W	W	W	W	-	28.6	-
<b>Connecticut</b>										
November 2019	-	W	-	2,360.6	-	-	-	-	8.7	-
October 2019	-	W	-	2,345.7	-	-	-	-	8.2	-
November 2018	-	W	W	2,353.9	W	-	-	-	9.8	-
<b>Maine</b>										
November 2019	-	-	-	W	-	-	-	-	W	-
October 2019	-	-	-	W	-	-	-	-	W	-
November 2018	-	-	W	W	-	-	-	-	W	-
<b>Massachusetts</b>										
November 2019	W	W	-	1,152.7	-	W	W	-	3.6	-
October 2019	W	W	-	1,166.1	-	W	W	-	3.2	-
November 2018	W	W	-	1,296.1	-	W	W	-	5.3	-
<b>New Hampshire</b>										
November 2019	W	W	W	W	-	W	W	-	-	-
October 2019	W	W	W	W	-	W	W	-	-	-
November 2018	W	W	W	W	-	W	W	-	-	-
<b>Rhode Island</b>										
November 2019	W	W	-	869.5	-	W	W	-	W	-
October 2019	W	W	-	847.9	-	W	W	-	W	-
November 2018	W	W	-	952.6	-	W	W	-	5.0	-
<b>Vermont</b>										
November 2019	-	-	W	W	-	-	-	-	W	-
October 2019	-	-	W	W	-	-	-	-	W	-
November 2018	-	-	W	81.6	-	-	-	-	W	-
<b>Subdistrict 1B</b>										
November 2019	3,522.2	3,522.2	W	21,222.2	W	350.6	350.6	W	W	-
October 2019	3,488.9	3,488.9	W	W	1,661.5	341.5	341.5	W	W	-
November 2018	3,441.0	3,441.0	W	21,321.2	W	357.0	357.0	W	W	-
<b>Delaware</b>										
November 2019	W	W	-	1,018.0	-	W	W	-	7.2	-
October 2019	W	W	-	1,036.8	-	W	W	-	8.2	-
November 2018	W	W	-	1,017.5	-	W	W	-	7.4	-
<b>District of Columbia</b>										
November 2019	-	-	-	-	-	-	-	-	-	-
October 2019	-	-	-	-	-	-	-	-	-	-
November 2018	-	-	-	-	-	-	-	-	-	-
<b>Maryland</b>										
November 2019	-	-	-	3,877.1	-	-	-	-	38.7	-
October 2019	-	-	-	3,910.0	-	-	-	-	44.8	-
November 2018	-	-	-	3,786.7	-	-	-	-	44.9	-
<b>New Jersey</b>										
November 2019	W	W	W	6,931.3	W	W	W	W	W	-
October 2019	W	W	W	6,569.6	W	W	W	W	W	-
November 2018	W	W	W	W	1,111.6	W	W	W	W	-
<b>New York</b>										
November 2019	2,278.7	2,278.7	W	W	W	229.2	229.2	W	W	-
October 2019	2,263.3	2,263.3	W	4,900.0	W	223.6	223.6	W	W	-
November 2018	2,153.8	2,153.8	W	4,775.9	W	233.2	233.2	W	W	-
<b>Pennsylvania</b>										
November 2019	W	W	-	W	W	W	W	-	12.5	-
October 2019	W	W	-	W	W	W	W	-	16.0	-
November 2018	W	W	-	W	W	W	W	-	16.8	-

See footnotes at end of table.

**Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>United States</b>										
November 2019	2,335.8	2,379.9	4,423.4	29,663.4	1,604.4	23,459.6	23,856.2	20,971.4	265,099.4	13,229.6
October 2019	2,375.6	2,426.5	4,456.7	30,382.3	1,659.9	23,577.7	24,013.2	21,336.9	270,878.6	13,036.8
November 2018	2,405.2	2,435.6	4,665.5	28,454.7	1,734.7	24,300.0	24,640.4	21,538.5	263,351.8	16,936.5
<b>PAD District 1</b>										
November 2019	837.9	862.1	W	W	W	7,812.5	7,968.4	W	W	3,226.5
October 2019	830.3	858.5	W	W	W	7,815.6	7,992.5	W	W	2,013.9
November 2018	821.7	836.6	W	9,033.7	W	7,945.6	8,049.8	W	78,465.1	W
<b>Subdistrict 1A</b>										
November 2019	W	W	W	W	-	W	W	W	W	-
October 2019	W	W	W	W	-	W	W	W	W	-
November 2018	W	W	W	783.1	W	W	W	W	W	W
<b>Connecticut</b>										
November 2019	-	-	-	436.3	-	-	W	-	2,805.6	-
October 2019	-	-	-	431.1	-	-	W	-	2,785.0	-
November 2018	-	-	W	388.8	W	-	W	W	2,752.4	W
<b>Maine</b>										
November 2019	-	-	-	W	-	-	-	-	684.6	-
October 2019	-	-	-	W	-	-	-	-	731.0	-
November 2018	-	-	W	38.1	-	-	-	W	W	-
<b>Massachusetts</b>										
November 2019	W	W	-	191.2	-	W	W	-	1,347.5	-
October 2019	W	W	-	196.5	-	W	W	-	1,365.8	-
November 2018	W	W	-	199.0	-	W	W	-	1,500.3	-
<b>New Hampshire</b>										
November 2019	W	W	W	W	-	W	W	W	W	-
October 2019	W	W	W	W	-	W	W	W	W	-
November 2018	W	W	W	W	-	W	W	W	W	-
<b>Rhode Island</b>										
November 2019	W	W	-	W	-	W	W	-	1,027.3	-
October 2019	W	W	-	W	-	W	W	-	998.9	-
November 2018	W	W	-	148.2	-	W	W	-	1,105.7	-
<b>Vermont</b>										
November 2019	-	-	W	W	-	-	-	W	W	-
October 2019	-	-	W	W	-	-	-	W	77.7	-
November 2018	-	-	W	W	-	-	-	W	88.3	-
<b>Subdistrict 1B</b>										
November 2019	547.7	547.7	W	W	W	4,420.5	4,420.5	W	24,427.3	W
October 2019	541.4	541.4	W	W	W	4,371.8	4,371.8	W	24,393.0	W
November 2018	541.1	541.1	W	W	W	4,339.1	4,339.1	W	24,383.6	W
<b>Delaware</b>										
November 2019	W	W	-	117.6	-	W	W	-	1,142.8	-
October 2019	W	W	-	124.7	-	W	W	-	1,169.7	-
November 2018	W	W	-	112.7	-	W	W	-	1,137.7	-
<b>District of Columbia</b>										
November 2019	-	-	-	-	-	-	-	-	-	-
October 2019	-	-	-	-	-	-	-	-	-	-
November 2018	-	-	-	-	-	-	-	-	-	-
<b>Maryland</b>										
November 2019	-	-	-	627.7	-	-	-	-	4,543.5	-
October 2019	-	-	-	649.9	-	-	-	-	4,604.7	-
November 2018	-	-	-	612.9	-	-	-	-	4,444.5	-
<b>New Jersey</b>										
November 2019	W	W	W	1,055.4	W	W	W	W	W	650.1
October 2019	W	W	W	1,029.7	W	W	W	W	W	666.7
November 2018	W	W	W	W	-	W	W	W	W	1,111.6
<b>New York</b>										
November 2019	360.5	360.5	W	W	W	2,868.4	2,868.4	W	5,708.3	W
October 2019	356.3	356.3	W	W	W	2,843.2	2,843.2	W	5,826.1	W
November 2018	355.3	355.3	W	W	W	2,742.3	2,742.3	W	5,568.3	W
<b>Pennsylvania</b>										
November 2019	W	W	-	W	W	W	W	-	W	W
October 2019	W	W	-	W	W	W	W	-	W	W
November 2018	W	W	-	W	W	W	W	-	W	W

See footnotes at end of table.

**Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>Subdistrict 1C</b>										
November 2019	W	W	-	W	W	W	W	-	384.6	-
October 2019	W	W	-	W	W	W	W	-	393.8	-
November 2018	W	W	-	W	W	W	W	-	422.7	-
<b>Florida</b>										
November 2019	W	W	-	13,880.5	-	W	W	-	125.2	-
October 2019	W	W	-	13,782.2	-	W	W	-	118.7	-
November 2018	W	W	-	13,563.2	-	W	W	-	131.9	-
<b>Georgia</b>										
November 2019	W	W	-	8,286.8	-	W	W	-	45.6	-
October 2019	W	W	-	8,366.5	-	W	W	-	47.4	-
November 2018	W	W	-	8,286.6	-	W	W	-	52.3	-
<b>North Carolina</b>										
November 2019	W	W	-	W	W	W	W	-	105.9	-
October 2019	W	W	-	8,925.5	-	W	W	-	116.3	-
November 2018	W	W	-	8,773.8	-	W	W	-	117.6	-
<b>South Carolina</b>										
November 2019	W	W	-	4,261.1	-	W	W	-	29.6	-
October 2019	W	W	-	4,394.4	-	W	W	-	32.7	-
November 2018	W	W	-	4,254.5	-	W	W	-	33.1	-
<b>Virginia</b>										
November 2019	-	W	-	W	W	-	-	-	71.9	-
October 2019	-	W	-	W	W	-	-	-	70.7	-
November 2018	-	-	-	W	W	-	-	-	79.7	-
<b>West Virginia</b>										
November 2019	W	W	-	733.2	-	W	W	-	6.4	-
October 2019	W	W	-	844.9	-	W	W	-	7.9	-
November 2018	W	W	-	W	W	W	W	-	8.0	-
<b>PAD District 2</b>										
November 2019	W	W	-	W	W	W	W	-	421.6	-
October 2019	W	W	-	W	W	W	W	-	440.4	-
November 2018	W	W	-	77,515.8	1,072.1	W	W	-	499.7	-
<b>Illinois</b>										
November 2019	W	W	-	W	W	W	W	-	56.2	-
October 2019	W	W	-	W	W	W	W	-	58.8	-
November 2018	W	W	-	W	W	W	W	-	68.2	-
<b>Indiana</b>										
November 2019	W	W	-	5,928.5	-	W	W	-	13.9	-
October 2019	W	W	-	5,902.7	-	W	W	-	18.0	-
November 2018	W	W	-	W	W	W	W	-	20.9	-
<b>Iowa</b>										
November 2019	-	-	-	3,331.7	-	-	-	-	46.8	-
October 2019	-	W	-	3,304.8	-	-	-	-	52.4	-
November 2018	-	W	-	2,527.6	-	-	-	-	52.5	-
<b>Kansas</b>										
November 2019	W	W	-	W	W	W	W	-	15.1	-
October 2019	W	W	-	W	W	W	W	-	15.2	-
November 2018	W	W	-	W	W	W	W	-	21.0	-
<b>Kentucky</b>										
November 2019	W	W	-	3,820.5	-	W	W	-	11.3	-
October 2019	W	W	-	3,873.6	-	W	W	-	11.8	-
November 2018	W	W	-	W	W	W	W	-	11.9	-
<b>Michigan</b>										
November 2019	W	W	-	9,951.0	-	W	W	-	11.0	-
October 2019	W	W	-	10,440.3	-	W	W	-	13.4	-
November 2018	W	W	-	9,970.6	-	W	W	-	14.1	-
<b>Minnesota</b>										
November 2019	W	W	-	4,904.4	-	W	37.3	-	61.3	-
October 2019	W	W	-	4,957.5	-	W	W	-	57.3	-
November 2018	702.7	704.7	-	5,302.3	-	37.0	40.8	-	74.8	-
<b>Missouri</b>										
November 2019	-	W	-	3,284.6	-	-	-	-	15.0	-
October 2019	-	W	-	3,317.4	-	-	-	-	13.5	-
November 2018	-	W	-	W	W	-	-	-	16.7	-

See footnotes at end of table.

**Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>Subdistrict 1C</b>										
November 2019	W	W	-	W	W	W	W	-	W	W
October 2019	W	W	-	W	W	W	W	-	W	W
November 2018	W	W	-	W	W	W	W	-	W	W
<b>Florida</b>										
November 2019	W	W	-	W	W	W	W	-	W	W
October 2019	W	W	-	W	W	W	W	-	W	W
November 2018	W	W	-	1,901.9	-	W	W	-	15,597.1	-
<b>Georgia</b>										
November 2019	W	W	-	1,021.5	-	W	W	-	9,353.9	-
October 2019	W	W	-	1,031.7	-	W	W	-	9,445.6	-
November 2018	W	W	-	1,025.9	-	W	W	-	9,364.7	-
<b>North Carolina</b>										
November 2019	W	W	-	1,048.1	-	W	W	-	W	W
October 2019	W	W	-	1,091.3	-	W	W	-	10,133.0	-
November 2018	W	W	-	1,014.0	-	W	W	-	9,905.4	-
<b>South Carolina</b>										
November 2019	W	W	-	423.7	-	W	W	-	4,714.4	-
October 2019	W	W	-	443.5	-	W	W	-	4,870.6	-
November 2018	W	W	-	408.6	-	W	W	-	4,696.2	-
<b>Virginia</b>										
November 2019	-	W	-	901.4	-	-	W	-	W	W
October 2019	-	W	-	928.4	-	-	W	-	W	W
November 2018	-	-	-	W	W	-	-	-	W	W
<b>West Virginia</b>										
November 2019	W	W	-	W	W	W	W	-	W	W
October 2019	W	W	-	W	W	W	W	-	W	W
November 2018	W	W	-	W	W	W	W	-	W	W
<b>PAD District 2</b>										
November 2019	W	W	-	W	W	W	W	-	85,272.2	497.2
October 2019	W	W	-	W	W	W	W	-	86,497.0	821.3
November 2018	W	W	-	6,228.7	364.3	W	W	-	84,244.2	1,436.4
<b>Illinois</b>										
November 2019	W	W	-	1,194.8	-	W	W	-	W	W
October 2019	W	W	-	1,188.4	-	W	W	-	W	W
November 2018	W	W	-	W	W	W	W	-	12,026.9	67.0
<b>Indiana</b>										
November 2019	W	W	-	428.0	-	W	W	-	6,370.4	-
October 2019	W	W	-	W	W	W	W	-	W	W
November 2018	W	W	-	W	W	W	W	-	W	W
<b>Iowa</b>										
November 2019	-	-	-	269.9	-	-	-	-	3,648.5	-
October 2019	-	-	-	278.5	-	-	W	-	3,635.7	-
November 2018	-	-	-	228.0	-	-	W	-	2,808.0	-
<b>Kansas</b>										
November 2019	-	-	-	W	W	W	W	-	W	W
October 2019	-	-	-	355.2	-	W	W	-	W	W
November 2018	-	-	-	W	W	W	W	-	W	W
<b>Kentucky</b>										
November 2019	W	W	-	238.2	-	W	W	-	4,069.9	-
October 2019	W	W	-	249.6	-	W	W	-	4,135.1	-
November 2018	W	W	-	W	W	W	W	-	W	W
<b>Michigan</b>										
November 2019	W	W	-	W	W	W	W	-	W	W
October 2019	W	W	-	W	W	W	W	-	W	W
November 2018	W	W	-	W	W	W	W	-	W	W
<b>Minnesota</b>										
November 2019	W	W	-	W	W	W	W	-	W	W
October 2019	W	W	-	W	W	W	W	-	W	W
November 2018	58.9	59.0	-	W	W	798.6	804.4	-	W	W
<b>Missouri</b>										
November 2019	-	-	-	W	W	-	W	-	W	W
October 2019	-	-	-	W	W	-	W	-	W	W
November 2018	-	-	-	W	W	-	W	-	W	W

See footnotes at end of table.

**Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>PAD District 2 (cont.)</b>										
<b>Nebraska</b>										
November 2019	W	W	-	1,573.6	-	W	W	-	16.7	-
October 2019	W	W	-	1,619.4	-	W	W	-	15.8	-
November 2018	W	W	-	1,638.5	-	W	W	-	23.6	-
<b>North Dakota</b>										
November 2019	W	W	-	852.7	-	W	W	-	16.2	-
October 2019	W	W	-	869.1	-	W	W	-	16.7	-
November 2018	W	W	-	929.1	-	W	W	-	19.2	-
<b>Ohio</b>										
November 2019	W	W	-	10,173.3	-	W	W	-	25.9	-
October 2019	W	W	-	10,187.2	-	W	W	-	28.7	-
November 2018	W	W	-	10,120.4	-	W	W	-	36.0	-
<b>Oklahoma</b>										
November 2019	W	W	-	3,939.1	-	W	W	-	6.5	-
October 2019	W	W	-	W	W	W	W	-	6.1	-
November 2018	W	W	-	W	W	W	W	-	4.3	-
<b>South Dakota</b>										
November 2019	W	W	-	1,042.0	-	W	W	-	14.7	-
October 2019	W	W	-	1,061.9	-	W	W	-	17.3	-
November 2018	W	W	-	972.1	-	W	W	-	21.5	-
<b>Tennessee</b>										
November 2019	W	W	-	8,992.0	-	W	W	-	74.7	-
October 2019	W	W	-	9,229.5	-	W	W	-	81.4	-
November 2018	W	W	-	W	W	W	W	-	79.7	-
<b>Wisconsin</b>										
November 2019	W	W	-	5,370.0	-	W	W	-	36.4	-
October 2019	W	W	-	5,341.6	-	W	W	-	34.2	-
November 2018	W	W	-	5,310.8	-	W	W	-	35.3	-
<b>PAD District 3</b>										
November 2019	903.4	945.7	W	49,515.0	W	83.2	83.3	W	W	-
October 2019	946.3	999.3	203.5	50,910.5	7,967.0	86.7	86.9	W	W	-
November 2018	885.7	916.5	W	W	W	88.4	88.6	W	W	-
<b>Alabama</b>										
November 2019	W	W	-	5,097.6	-	W	W	-	31.3	-
October 2019	W	W	-	5,228.4	-	W	W	-	33.5	-
November 2018	-	W	-	4,882.7	-	-	-	-	35.0	-
<b>Arkansas</b>										
November 2019	-	-	-	3,029.7	-	-	-	-	13.4	-
October 2019	-	-	-	3,092.7	-	-	-	-	14.0	-
November 2018	-	-	-	2,831.2	-	-	-	-	14.8	-
<b>Louisiana</b>										
November 2019	-	W	-	W	W	-	-	-	10.0	-
October 2019	-	W	-	W	W	-	-	-	10.6	-
November 2018	-	W	-	W	W	-	-	-	15.5	-
<b>Mississippi</b>										
November 2019	-	-	-	W	W	-	-	-	17.8	-
October 2019	-	-	-	2,701.1	812.5	-	-	-	18.6	-
November 2018	-	-	-	W	W	-	-	-	21.1	-
<b>New Mexico</b>										
November 2019	W	389.3	W	W	-	W	W	W	W	-
October 2019	W	416.3	W	W	-	W	W	W	W	-
November 2018	W	377.5	W	W	-	W	50.2	W	W	-
<b>Texas</b>										
November 2019	512.3	514.0	10.8	31,718.4	3,494.5	37.7	37.9	-	W	-
October 2019	531.0	532.7	W	32,733.1	W	38.8	39.0	-	115.9	-
November 2018	W	W	W	31,226.5	W	W	38.4	-	161.9	-

See footnotes at end of table.

**Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>PAD District 2 (cont.)</b>										
<b>Nebraska</b>										
November 2019	-	-	-	154.0	-	W	W	-	1,744.2	-
October 2019	-	-	-	160.1	-	W	W	-	1,795.4	-
November 2018	-	-	-	168.2	-	W	W	-	1,830.3	-
<b>North Dakota</b>										
November 2019	W	W	-	90.3	-	W	W	-	959.1	-
October 2019	W	W	-	92.5	-	W	W	-	978.2	-
November 2018	W	W	-	87.1	-	W	W	-	1,035.4	-
<b>Ohio</b>										
November 2019	W	W	-	W	W	W	W	-	W	W
October 2019	W	W	-	W	W	W	W	-	W	W
November 2018	W	W	-	W	W	W	W	-	W	W
<b>Oklahoma</b>										
November 2019	W	W	-	412.9	168.4	W	W	-	4,358.5	168.4
October 2019	W	W	-	W	W	W	W	-	4,376.1	341.4
November 2018	W	W	-	W	W	W	W	-	4,265.9	952.0
<b>South Dakota</b>										
November 2019	W	W	-	99.7	-	W	W	-	1,156.5	-
October 2019	W	W	-	97.0	-	W	W	-	1,176.2	-
November 2018	W	W	-	88.0	-	W	W	-	1,081.6	-
<b>Tennessee</b>										
November 2019	W	W	-	851.6	-	W	W	-	9,918.3	-
October 2019	W	W	-	905.9	-	W	W	-	10,216.8	-
November 2018	W	W	-	825.8	-	W	W	-	W	W
<b>Wisconsin</b>										
November 2019	W	W	-	433.0	-	W	W	-	5,839.5	-
October 2019	W	W	-	452.8	-	W	W	-	5,828.6	-
November 2018	W	W	-	389.3	-	W	W	-	5,735.4	-
<b>PAD District 3</b>										
November 2019	79.1	88.7	W	W	W	1,065.7	1,117.7	230.3	55,260.0	8,040.4
October 2019	82.5	93.9	W	W	578.0	1,115.5	1,180.1	234.2	56,862.5	8,545.1
November 2018	82.4	88.2	W	5,285.1	W	1,056.5	1,093.3	W	54,578.6	W
<b>Alabama</b>										
November 2019	W	W	-	465.1	-	W	W	-	5,594.0	-
October 2019	W	W	-	481.1	-	W	W	-	5,743.0	-
November 2018	-	W	-	444.1	-	-	W	-	5,361.9	-
<b>Arkansas</b>										
November 2019	-	-	-	256.3	-	-	-	-	3,299.3	-
October 2019	-	-	-	271.7	-	-	-	-	3,378.5	-
November 2018	-	-	-	256.0	-	-	-	-	3,102.0	-
<b>Louisiana</b>										
November 2019	-	-	-	W	W	-	W	-	W	W
October 2019	-	-	-	W	W	-	W	-	6,428.6	3,058.3
November 2018	-	-	-	W	W	-	W	-	6,249.7	3,418.4
<b>Mississippi</b>										
November 2019	-	-	-	217.7	-	-	-	-	W	W
October 2019	-	-	-	228.6	-	-	-	-	2,948.3	812.5
November 2018	-	-	-	225.8	-	-	-	-	W	W
<b>New Mexico</b>										
November 2019	W	W	W	W	-	W	470.9	W	W	-
October 2019	W	W	W	W	-	W	503.2	W	W	-
November 2018	W	41.6	W	W	-	W	469.4	W	W	-
<b>Texas</b>										
November 2019	42.8	42.9	W	W	W	592.8	594.8	W	35,702.4	W
October 2019	43.8	43.8	W	W	W	613.6	615.6	W	W	4,674.3
November 2018	W	W	W	3,610.1	W	W	W	W	34,998.5	W

See footnotes at end of table.

**Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>PAD District 4</b>										
November 2019	W	W	W	W	-	W	W	-	105.8	-
October 2019	W	W	W	W	-	W	W	-	136.5	-
November 2018	W	W	W	10,174.5	W	W	W	-	107.4	-
<b>Colorado</b>										
November 2019	W	131.6	W	W	-	38.8	39.3	-	29.4	-
October 2019	W	144.6	W	W	-	40.8	41.3	-	34.0	-
November 2018	W	149.7	W	W	W	40.4	41.3	-	41.9	-
<b>Idaho</b>										
November 2019	W	W	-	1,322.4	-	W	W	-	5.7	-
October 2019	W	W	-	1,485.6	-	W	W	-	7.2	-
November 2018	W	W	-	1,345.9	-	W	W	-	6.3	-
<b>Montana</b>										
November 2019	W	W	-	1,186.2	-	W	W	-	7.0	-
October 2019	W	W	-	1,256.5	-	W	W	-	7.2	-
November 2018	W	W	-	1,230.7	-	W	W	-	W	-
<b>Utah</b>										
November 2019	W	W	W	W	-	W	11.9	-	53.3	-
October 2019	W	W	W	W	-	W	W	-	73.8	-
November 2018	W	W	W	W	W	W	W	-	39.8	-
<b>Wyoming</b>										
November 2019	W	8.4	-	726.9	-	W	W	-	10.5	-
October 2019	W	10.1	-	865.2	-	W	W	-	14.3	-
November 2018	W	10.0	-	745.3	-	W	W	-	W	-
<b>PAD District 5</b>										
November 2019	4,022.7	4,081.3	14,908.7	W	W	539.0	539.9	W	W	-
October 2019	3,941.0	4,002.1	15,231.7	W	W	555.5	556.4	157.0	231.8	-
November 2018	4,126.5	4,186.3	15,279.9	27,608.0	2,720.1	609.0	609.7	201.4	266.7	-
<b>Alaska</b>										
November 2019	W	W	W	365.7	W	W	W	W	W	-
October 2019	W	W	55.0	398.8	W	W	W	W	W	-
November 2018	W	W	W	W	W	W	W	W	W	-
<b>Arizona</b>										
November 2019	W	W	1,337.0	3,939.1	-	W	W	W	W	-
October 2019	W	W	1,250.2	4,183.7	NA	W	W	W	W	-
November 2018	W	W	W	4,190.3	W	W	W	W	W	-
<b>California</b>										
November 2019	2,910.9	2,912.2	11,058.2	W	W	463.0	463.1	W	W	-
October 2019	2,763.4	2,764.9	W	14,496.5	W	475.5	475.6	112.0	145.5	-
November 2018	2,969.7	2,970.7	11,447.1	13,488.1	1,631.3	520.7	520.9	129.3	165.2	-
<b>Hawaii</b>										
November 2019	W	W	W	W	W	W	W	W	W	-
October 2019	W	W	W	W	W	W	W	W	W	-
November 2018	W	W	W	W	W	W	W	W	W	-
<b>Nevada</b>										
November 2019	W	W	W	W	-	W	W	W	W	-
October 2019	W	W	W	W	-	W	W	W	W	-
November 2018	W	W	W	W	60.2	W	W	W	W	-
<b>Oregon</b>										
November 2019	80.1	80.1	695.1	3,113.1	-	5.4	5.4	2.8	6.0	-
October 2019	92.6	92.6	694.9	3,139.5	-	5.8	5.8	2.7	6.6	-
November 2018	93.9	93.9	744.1	W	W	6.0	6.0	W	W	-
<b>Washington</b>										
November 2019	343.9	348.4	W	4,944.2	W	29.8	29.9	W	W	-
October 2019	357.8	363.5	W	5,129.1	W	30.4	30.6	W	W	-
November 2018	334.2	339.1	W	4,855.5	W	28.9	29.1	13.8	34.4	-

See footnotes at end of table.



**Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>PAD District 4</b>										
November 2019	W	W	W	W	-	W	W	W	W	-
October 2019	W	W	W	W	-	W	W	W	W	-
November 2018	W	W	W	2,187.0	W	W	W	W	12,468.9	W
<b>Colorado</b>										
November 2019	W	29.7	W	W	-	196.7	200.6	W	W	-
October 2019	W	31.5	W	W	-	213.8	217.5	W	W	-
November 2018	W	29.8	W	W	-	216.0	220.8	W	5,326.5	W
<b>Idaho</b>										
November 2019	W	W	-	228.5	-	W	W	-	1,556.6	-
October 2019	W	W	-	258.3	-	W	W	-	1,751.1	-
November 2018	W	W	-	222.4	-	W	W	-	1,574.7	-
<b>Montana</b>										
November 2019	W	W	-	225.3	-	W	W	-	1,418.4	-
October 2019	W	W	-	238.6	-	W	W	-	1,502.3	-
November 2018	W	W	-	W	-	W	W	-	1,454.2	-
<b>Utah</b>										
November 2019	W	W	W	W	-	W	W	W	W	-
October 2019	W	W	W	W	-	W	W	W	W	-
November 2018	W	W	W	W	W	W	W	W	3,240.2	W
<b>Wyoming</b>										
November 2019	W	W	-	131.0	-	W	10.5	-	868.4	-
October 2019	W	W	-	148.5	-	W	12.7	-	1,028.1	-
November 2018	W	W	-	W	-	W	12.3	-	873.4	-
<b>PAD District 5</b>										
November 2019	932.9	939.0	W	W	W	5,494.7	5,560.2	19,093.6	33,832.7	1,465.5
October 2019	955.2	961.2	4,063.0	W	W	5,451.7	5,519.6	19,451.6	35,132.3	1,656.6
November 2018	1,004.9	1,010.6	4,296.2	5,720.3	398.4	5,740.5	5,806.7	19,777.4	33,595.0	3,118.5
<b>Alaska</b>										
November 2019	W	W	W	28.9	W	W	W	W	W	W
October 2019	W	W	W	32.7	-	W	W	W	W	W
November 2018	W	W	W	W	-	W	W	W	W	W
<b>Arizona</b>										
November 2019	W	W	151.0	W	W	W	W	W	4,560.3	W
October 2019	W	W	W	W	-	W	W	1,409.3	4,781.4	NA
November 2018	W	W	162.7	W	W	W	W	W	4,795.7	W
<b>California</b>										
November 2019	783.2	783.2	3,262.8	3,667.5	249.4	4,157.1	4,158.5	W	17,506.4	W
October 2019	800.5	800.5	W	3,612.8	W	4,039.4	4,041.0	14,818.8	18,254.9	1,228.5
November 2018	843.1	843.1	3,489.0	3,447.5	298.3	4,333.6	4,334.7	15,065.4	17,100.9	1,929.5
<b>Hawaii</b>										
November 2019	W	W	W	W	W	W	W	W	W	W
October 2019	W	W	W	W	W	W	W	W	W	W
November 2018	W	W	W	W	W	W	W	W	W	W
<b>Nevada</b>										
November 2019	W	W	W	337.9	W	W	W	W	1,773.1	W
October 2019	W	W	W	W	-	W	W	W	W	-
November 2018	W	W	W	342.1	W	W	W	W	1,760.8	W
<b>Oregon</b>										
November 2019	12.8	12.8	119.7	386.2	-	98.3	98.3	817.6	3,505.4	-
October 2019	14.0	14.0	120.5	390.6	-	112.4	112.4	818.2	3,536.8	-
November 2018	13.8	13.8	122.3	370.6	-	113.7	113.7	W	3,432.0	W
<b>Washington</b>										
November 2019	45.3	45.5	217.0	W	W	419.0	423.8	W	5,909.1	W
October 2019	47.1	47.4	220.9	W	W	435.3	441.5	W	6,126.4	W
November 2018	42.9	43.1	W	888.9	W	406.1	411.4	1,208.3	5,778.8	150.9

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2019 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state**  
thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>United States</b>					
November 2019	14,658.2	14,980.4	4,072.5	187,733.6	11,391.0
October 2019	14,954.6	15,307.3	4,212.3	192,647.1	11,011.9
November 2018	15,058.8	15,372.9	4,232.0	186,258.7	14,349.9
<b>PAD District 1</b>					
November 2019	W	W	W	50,605.5	W
October 2019	W	W	W	51,264.7	W
November 2018	W	W	W	50,088.6	W
<b>Subdistrict 1A</b>					
November 2019	-	-	W	W	-
October 2019	-	-	W	W	-
November 2018	-	-	W	W	-
<b>Connecticut</b>					
November 2019	-	-	-	-	-
October 2019	-	-	-	-	-
November 2018	-	-	-	-	-
<b>Maine</b>					
November 2019	-	-	-	W	-
October 2019	-	-	-	W	-
November 2018	-	-	W	W	-
<b>Massachusetts</b>					
November 2019	-	-	-	-	-
October 2019	-	-	-	-	-
November 2018	-	-	-	-	-
<b>New Hampshire</b>					
November 2019	-	-	W	-	-
October 2019	-	-	W	-	-
November 2018	-	-	W	-	-
<b>Rhode Island</b>					
November 2019	-	-	-	-	-
October 2019	-	-	-	-	-
November 2018	-	-	-	-	-
<b>Vermont</b>					
November 2019	-	-	W	W	-
October 2019	-	-	W	W	-
November 2018	-	-	W	88.3	-
<b>Subdistrict 1B</b>					
November 2019	W	W	W	W	W
October 2019	W	W	W	W	1,126.3
November 2018	W	W	W	6,074.5	W
<b>Delaware</b>					
November 2019	-	-	-	-	-
October 2019	-	-	-	-	-
November 2018	-	-	-	-	-
<b>District of Columbia</b>					
November 2019	-	-	-	-	-
October 2019	-	-	-	-	-
November 2018	-	-	-	-	-
<b>Maryland</b>					
November 2019	-	-	-	W	-
October 2019	-	-	-	435.5	-
November 2018	-	-	-	379.3	-
<b>New Jersey</b>					
November 2019	-	-	-	-	W
October 2019	-	-	-	-	W
November 2018	-	-	-	-	W
<b>New York</b>					
November 2019	W	W	W	W	-
October 2019	W	W	W	W	-
November 2018	W	W	W	W	W
<b>Pennsylvania</b>					
November 2019	W	W	-	W	W
October 2019	W	W	-	W	W
November 2018	W	W	-	W	W

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Reformulated				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>United States</b>					
November 2019	8,801.4	8,875.8	16,899.0	77,365.8	1,838.7
October 2019	8,623.1	8,705.8	17,124.6	78,231.6	2,024.9
November 2018	9,241.2	9,267.4	17,306.4	77,093.1	2,586.6
<b>PAD District 1</b>					
November 2019	W	W	W	W	W
October 2019	W	W	W	W	W
November 2018	W	W	W	28,376.5	W
<b>Subdistrict 1A</b>					
November 2019	W	W	-	5,546.6	-
October 2019	W	W	-	5,528.2	-
November 2018	W	W	W	5,693.8	W
<b>Connecticut</b>					
November 2019	-	W	-	2,805.6	-
October 2019	-	W	-	2,785.0	-
November 2018	-	W	W	2,752.4	W
<b>Maine</b>					
November 2019	-	-	-	W	-
October 2019	-	-	-	W	-
November 2018	-	-	-	W	-
<b>Massachusetts</b>					
November 2019	W	W	-	1,347.5	-
October 2019	W	W	-	1,365.8	-
November 2018	W	W	-	1,500.3	-
<b>New Hampshire</b>					
November 2019	W	W	-	W	-
October 2019	W	W	-	W	-
November 2018	W	W	-	W	-
<b>Rhode Island</b>					
November 2019	W	W	-	W	-
October 2019	W	W	-	W	-
November 2018	W	W	-	W	-
<b>Vermont</b>					
November 2019	-	-	-	-	-
October 2019	-	-	-	-	-
November 2018	-	-	-	-	-
<b>Subdistrict 1B</b>					
November 2019	W	W	W	W	W
October 2019	W	W	W	W	W
November 2018	W	W	W	18,309.1	W
<b>Delaware</b>					
November 2019	W	W	-	1,142.8	-
October 2019	W	W	-	1,169.7	-
November 2018	W	W	-	1,137.7	-
<b>District of Columbia</b>					
November 2019	-	-	-	-	-
October 2019	-	-	-	-	-
November 2018	-	-	-	-	-
<b>Maryland</b>					
November 2019	-	-	-	W	-
October 2019	-	-	-	4,169.2	-
November 2018	-	-	-	4,065.2	-
<b>New Jersey</b>					
November 2019	W	W	W	W	W
October 2019	W	W	W	W	W
November 2018	W	W	W	W	W
<b>New York</b>					
November 2019	W	W	W	W	W
October 2019	W	W	W	W	W
November 2018	W	W	W	W	W
<b>Pennsylvania</b>					
November 2019	W	W	-	W	W
October 2019	W	W	-	W	W
November 2018	W	W	-	W	W

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>United States</b>					
November 2019	23,459.6	23,856.2	20,971.4	265,099.4	13,229.6
October 2019	23,577.7	24,013.2	21,336.9	270,878.6	13,036.8
November 2018	24,300.0	24,640.4	21,538.5	263,351.8	16,936.5
<b>PAD District 1</b>					
November 2019	7,812.5	7,968.4	W	W	3,226.5
October 2019	7,815.6	7,992.5	W	W	2,013.9
November 2018	7,945.6	8,049.8	W	78,465.1	W
<b>Subdistrict 1A</b>					
November 2019	W	W	W	W	-
October 2019	W	W	W	W	-
November 2018	W	W	W	W	W
<b>Connecticut</b>					
November 2019	-	W	-	2,805.6	-
October 2019	-	W	-	2,785.0	-
November 2018	-	W	W	2,752.4	W
<b>Maine</b>					
November 2019	-	-	-	684.6	-
October 2019	-	-	-	731.0	-
November 2018	-	-	W	W	-
<b>Massachusetts</b>					
November 2019	W	W	-	1,347.5	-
October 2019	W	W	-	1,365.8	-
November 2018	W	W	-	1,500.3	-
<b>New Hampshire</b>					
November 2019	W	W	W	W	-
October 2019	W	W	W	W	-
November 2018	W	W	W	W	-
<b>Rhode Island</b>					
November 2019	W	W	-	1,027.3	-
October 2019	W	W	-	998.9	-
November 2018	W	W	-	1,105.7	-
<b>Vermont</b>					
November 2019	-	-	W	W	-
October 2019	-	-	W	77.7	-
November 2018	-	-	W	88.3	-
<b>Subdistrict 1B</b>					
November 2019	4,420.5	4,420.5	W	24,427.3	W
October 2019	4,371.8	4,371.8	W	24,393.0	W
November 2018	4,339.1	4,339.1	W	24,383.6	W
<b>Delaware</b>					
November 2019	W	W	-	1,142.8	-
October 2019	W	W	-	1,169.7	-
November 2018	W	W	-	1,137.7	-
<b>District of Columbia</b>					
November 2019	-	-	-	-	-
October 2019	-	-	-	-	-
November 2018	-	-	-	-	-
<b>Maryland</b>					
November 2019	-	-	-	4,543.5	-
October 2019	-	-	-	4,604.7	-
November 2018	-	-	-	4,444.5	-
<b>New Jersey</b>					
November 2019	W	W	W	W	650.1
October 2019	W	W	W	W	666.7
November 2018	W	W	W	W	1,111.6
<b>New York</b>					
November 2019	2,868.4	2,868.4	W	5,708.3	W
October 2019	2,843.2	2,843.2	W	5,826.1	W
November 2018	2,742.3	2,742.3	W	5,568.3	W
<b>Pennsylvania</b>					
November 2019	W	W	-	W	W
October 2019	W	W	-	W	W
November 2018	W	W	-	W	W

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>Subdistrict 1C</b>					
November 2019	W	W	-	W	W
October 2019	W	W	-	W	W
November 2018	W	W	-	W	W
<b>Florida</b>					
November 2019	W	W	-	W	W
October 2019	W	W	-	W	W
November 2018	W	W	-	15,597.1	-
<b>Georgia</b>					
November 2019	W	W	-	9,353.9	-
October 2019	W	W	-	9,445.6	-
November 2018	W	W	-	9,364.7	-
<b>North Carolina</b>					
November 2019	W	W	-	W	W
October 2019	W	W	-	10,133.0	-
November 2018	W	W	-	9,905.4	-
<b>South Carolina</b>					
November 2019	W	W	-	4,714.4	-
October 2019	W	W	-	4,870.6	-
November 2018	W	W	-	4,696.2	-
<b>Virginia</b>					
November 2019	-	-	-	W	W
October 2019	-	-	-	W	W
November 2018	-	-	-	W	W
<b>West Virginia</b>					
November 2019	W	W	-	W	W
October 2019	W	W	-	W	W
November 2018	W	W	-	W	W
<b>PAD District 2</b>					
November 2019	W	W	-	W	W
October 2019	W	W	-	W	W
November 2018	W	W	-	W	W
<b>Illinois</b>					
November 2019	W	W	-	3,855.8	-
October 2019	W	W	-	4,071.8	-
November 2018	W	W	-	W	W
<b>Indiana</b>					
November 2019	W	W	-	5,356.5	-
October 2019	W	W	-	W	W
November 2018	W	W	-	W	W
<b>Iowa</b>					
November 2019	-	-	-	3,648.5	-
October 2019	-	W	-	3,635.7	-
November 2018	-	W	-	2,808.0	-
<b>Kansas</b>					
November 2019	W	W	-	W	W
October 2019	W	W	-	W	W
November 2018	W	W	-	W	W
<b>Kentucky</b>					
November 2019	W	W	-	3,269.4	-
October 2019	W	W	-	3,332.4	-
November 2018	W	W	-	W	W
<b>Michigan</b>					
November 2019	W	W	-	W	W
October 2019	W	W	-	W	W
November 2018	W	W	-	W	W
<b>Minnesota</b>					
November 2019	W	W	-	W	W
October 2019	W	W	-	W	W
November 2018	798.6	804.4	-	W	W
<b>Missouri</b>					
November 2019	-	W	-	2,952.6	-
October 2019	-	W	-	2,979.9	-
November 2018	-	W	-	2,758.0	-

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Reformulated			
	Sales to end users		Sales for resale	
	Through retail outlets	Total[a]	DTW	Rack Bulk
<b>Subdistrict 1C</b>				
November 2019	-	W	-	4,284.9 -
October 2019	-	W	-	4,326.5 -
November 2018	-	-	-	4,373.7 -
<b>Florida</b>				
November 2019	-	-	-	- -
October 2019	-	-	-	- -
November 2018	-	-	-	- -
<b>Georgia</b>				
November 2019	-	-	-	- -
October 2019	-	-	-	- -
November 2018	-	-	-	- -
<b>North Carolina</b>				
November 2019	-	-	-	- -
October 2019	-	-	-	- -
November 2018	-	-	-	- -
<b>South Carolina</b>				
November 2019	-	-	-	- -
October 2019	-	-	-	- -
November 2018	-	-	-	- -
<b>Virginia</b>				
November 2019	-	W	-	4,284.9 -
October 2019	-	W	-	4,326.5 -
November 2018	-	-	-	4,373.7 -
<b>West Virginia</b>				
November 2019	-	-	-	- -
October 2019	-	-	-	- -
November 2018	-	-	-	- -
<b>PAD District 2</b>				
November 2019	W	W	-	W -
October 2019	W	W	-	W -
November 2018	W	W	-	W -
<b>Illinois</b>				
November 2019	W	W	-	W -
October 2019	W	W	-	W -
November 2018	W	W	-	W -
<b>Indiana</b>				
November 2019	W	W	-	1,013.9 -
October 2019	W	W	-	986.7 -
November 2018	W	W	-	936.3 -
<b>Iowa</b>				
November 2019	-	-	-	- -
October 2019	-	-	-	- -
November 2018	-	-	-	- -
<b>Kansas</b>				
November 2019	-	-	-	- -
October 2019	-	-	-	- -
November 2018	-	-	-	- -
<b>Kentucky</b>				
November 2019	W	W	-	800.5 -
October 2019	W	W	-	802.7 -
November 2018	W	W	-	633.8 -
<b>Michigan</b>				
November 2019	-	-	-	- -
October 2019	-	-	-	- -
November 2018	-	-	-	- -
<b>Minnesota</b>				
November 2019	-	-	-	- -
October 2019	-	-	-	- -
November 2018	-	-	-	- -
<b>Missouri</b>				
November 2019	-	-	-	W -
October 2019	-	-	-	W -
November 2018	-	-	-	W -

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>Subdistrict 1C</b>					
November 2019	W	W	-	W	W
October 2019	W	W	-	W	W
November 2018	W	W	-	W	W
<b>Florida</b>					
November 2019	W	W	-	W	W
October 2019	W	W	-	W	W
November 2018	W	W	-	15,597.1	-
<b>Georgia</b>					
November 2019	W	W	-	9,353.9	-
October 2019	W	W	-	9,445.6	-
November 2018	W	W	-	9,364.7	-
<b>North Carolina</b>					
November 2019	W	W	-	W	W
October 2019	W	W	-	10,133.0	-
November 2018	W	W	-	9,905.4	-
<b>South Carolina</b>					
November 2019	W	W	-	4,714.4	-
October 2019	W	W	-	4,870.6	-
November 2018	W	W	-	4,696.2	-
<b>Virginia</b>					
November 2019	-	W	-	W	W
October 2019	-	W	-	W	W
November 2018	-	-	-	W	W
<b>West Virginia</b>					
November 2019	W	W	-	W	W
October 2019	W	W	-	W	W
November 2018	W	W	-	W	W
<b>PAD District 2</b>					
November 2019	W	W	-	85,272.2	497.2
October 2019	W	W	-	86,497.0	821.3
November 2018	W	W	-	84,244.2	1,436.4
<b>Illinois</b>					
November 2019	W	W	-	W	W
October 2019	W	W	-	W	W
November 2018	W	W	-	12,026.9	67.0
<b>Indiana</b>					
November 2019	W	W	-	6,370.4	-
October 2019	W	W	-	W	W
November 2018	W	W	-	W	W
<b>Iowa</b>					
November 2019	-	-	-	3,648.5	-
October 2019	-	W	-	3,635.7	-
November 2018	-	W	-	2,808.0	-
<b>Kansas</b>					
November 2019	W	W	-	W	W
October 2019	W	W	-	W	W
November 2018	W	W	-	W	W
<b>Kentucky</b>					
November 2019	W	W	-	4,069.9	-
October 2019	W	W	-	4,135.1	-
November 2018	W	W	-	W	W
<b>Michigan</b>					
November 2019	W	W	-	W	W
October 2019	W	W	-	W	W
November 2018	W	W	-	W	W
<b>Minnesota</b>					
November 2019	W	W	-	W	W
October 2019	W	W	-	W	W
November 2018	798.6	804.4	-	W	W
<b>Missouri</b>					
November 2019	-	W	-	W	W
October 2019	-	W	-	W	W
November 2018	-	W	-	W	W

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>PAD District 2 (cont.)</b>					
<b>Nebraska</b>					
November 2019	W	W	-	1,744.2	-
October 2019	W	W	-	1,795.4	-
November 2018	W	W	-	1,830.3	-
<b>North Dakota</b>					
November 2019	W	W	-	959.1	-
October 2019	W	W	-	978.2	-
November 2018	W	W	-	1,035.4	-
<b>Ohio</b>					
November 2019	W	W	-	W	W
October 2019	W	W	-	W	W
November 2018	W	W	-	W	W
<b>Oklahoma</b>					
November 2019	W	W	-	4,358.5	168.4
October 2019	W	W	-	4,376.1	341.4
November 2018	W	W	-	4,265.9	952.0
<b>South Dakota</b>					
November 2019	W	W	-	1,156.5	-
October 2019	W	W	-	1,176.2	-
November 2018	W	W	-	1,081.6	-
<b>Tennessee</b>					
November 2019	W	W	-	9,918.3	-
October 2019	W	W	-	10,216.8	-
November 2018	W	W	-	W	W
<b>Wisconsin</b>					
November 2019	W	W	-	4,047.4	-
October 2019	W	W	-	4,109.9	-
November 2018	W	W	-	4,065.2	-
<b>PAD District 3</b>					
November 2019	W	W	230.3	W	W
October 2019	W	W	234.2	W	W
November 2018	1,056.5	1,093.3	W	38,512.7	W
<b>Alabama</b>					
November 2019	W	W	-	5,594.0	-
October 2019	W	W	-	5,743.0	-
November 2018	-	W	-	5,361.9	-
<b>Arkansas</b>					
November 2019	-	-	-	3,299.3	-
October 2019	-	-	-	3,378.5	-
November 2018	-	-	-	3,102.0	-
<b>Louisiana</b>					
November 2019	-	W	-	W	W
October 2019	-	W	-	6,428.6	3,058.3
November 2018	-	W	-	6,249.7	3,418.4
<b>Mississippi</b>					
November 2019	-	-	-	W	W
October 2019	-	-	-	2,948.3	812.5
November 2018	-	-	-	W	W
<b>New Mexico</b>					
November 2019	W	470.9	W	W	-
October 2019	W	503.2	W	W	-
November 2018	W	469.4	W	W	-
<b>Texas</b>					
November 2019	W	W	W	W	W
October 2019	W	W	W	W	W
November 2018	W	W	W	W	W

See footnotes at end of table.



**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Reformulated				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 2 (cont.)					
Nebraska					
November 2019	-	-	-	-	-
October 2019	-	-	-	-	-
November 2018	-	-	-	-	-
North Dakota					
November 2019	-	-	-	-	-
October 2019	-	-	-	-	-
November 2018	-	-	-	-	-
Ohio					
November 2019	-	-	-	-	-
October 2019	-	-	-	-	-
November 2018	-	-	-	-	-
Oklahoma					
November 2019	-	-	-	-	-
October 2019	-	-	-	-	-
November 2018	-	-	-	-	-
South Dakota					
November 2019	-	-	-	-	-
October 2019	-	-	-	-	-
November 2018	-	-	-	-	-
Tennessee					
November 2019	-	-	-	-	-
October 2019	-	-	-	-	-
November 2018	-	-	-	-	-
Wisconsin					
November 2019	W	W	-	1,792.1	-
October 2019	W	W	-	1,718.7	-
November 2018	W	W	-	1,670.2	-
PAD District 3					
November 2019	W	W	-	W	-
October 2019	W	W	-	W	-
November 2018	-	-	-	16,065.9	-
Alabama					
November 2019	-	-	-	-	-
October 2019	-	-	-	-	-
November 2018	-	-	-	-	-
Arkansas					
November 2019	-	-	-	-	-
October 2019	-	-	-	-	-
November 2018	-	-	-	-	-
Louisiana					
November 2019	-	-	-	-	-
October 2019	-	-	-	-	-
November 2018	-	-	-	-	-
Mississippi					
November 2019	-	-	-	-	-
October 2019	-	-	-	-	-
November 2018	-	-	-	-	-
New Mexico					
November 2019	-	-	-	-	-
October 2019	-	-	-	-	-
November 2018	-	-	-	-	-
Texas					
November 2019	W	W	-	W	-
October 2019	W	W	-	W	-
November 2018	-	-	-	W	-

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>PAD District 2 (cont.)</b>					
<b>Nebraska</b>					
November 2019	W	W	-	1,744.2	-
October 2019	W	W	-	1,795.4	-
November 2018	W	W	-	1,830.3	-
<b>North Dakota</b>					
November 2019	W	W	-	959.1	-
October 2019	W	W	-	978.2	-
November 2018	W	W	-	1,035.4	-
<b>Ohio</b>					
November 2019	W	W	-	W	W
October 2019	W	W	-	W	W
November 2018	W	W	-	W	W
<b>Oklahoma</b>					
November 2019	W	W	-	4,358.5	168.4
October 2019	W	W	-	4,376.1	341.4
November 2018	W	W	-	4,265.9	952.0
<b>South Dakota</b>					
November 2019	W	W	-	1,156.5	-
October 2019	W	W	-	1,176.2	-
November 2018	W	W	-	1,081.6	-
<b>Tennessee</b>					
November 2019	W	W	-	9,918.3	-
October 2019	W	W	-	10,216.8	-
November 2018	W	W	-	W	W
<b>Wisconsin</b>					
November 2019	W	W	-	5,839.5	-
October 2019	W	W	-	5,828.6	-
November 2018	W	W	-	5,735.4	-
<b>PAD District 3</b>					
November 2019	1,065.7	1,117.7	230.3	55,260.0	8,040.4
October 2019	1,115.5	1,180.1	234.2	56,862.5	8,545.1
November 2018	1,056.5	1,093.3	W	54,578.6	W
<b>Alabama</b>					
November 2019	W	W	-	5,594.0	-
October 2019	W	W	-	5,743.0	-
November 2018	-	W	-	5,361.9	-
<b>Arkansas</b>					
November 2019	-	-	-	3,299.3	-
October 2019	-	-	-	3,378.5	-
November 2018	-	-	-	3,102.0	-
<b>Louisiana</b>					
November 2019	-	W	-	W	W
October 2019	-	W	-	6,428.6	3,058.3
November 2018	-	W	-	6,249.7	3,418.4
<b>Mississippi</b>					
November 2019	-	-	-	W	W
October 2019	-	-	-	2,948.3	812.5
November 2018	-	-	-	W	W
<b>New Mexico</b>					
November 2019	W	470.9	W	W	-
October 2019	W	503.2	W	W	-
November 2018	W	469.4	W	W	-
<b>Texas</b>					
November 2019	592.8	594.8	W	35,702.4	W
October 2019	613.6	615.6	W	W	4,674.3
November 2018	W	W	W	34,998.5	W

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>PAD District 4</b>					
November 2019	W	W	W	W	-
October 2019	W	W	W	W	-
November 2018	W	W	W	12,468.9	W
<b>Colorado</b>					
November 2019	196.7	200.6	W	W	-
October 2019	213.8	217.5	W	W	-
November 2018	216.0	220.8	W	5,326.5	W
<b>Idaho</b>					
November 2019	W	W	-	1,556.6	-
October 2019	W	W	-	1,751.1	-
November 2018	W	W	-	1,574.7	-
<b>Montana</b>					
November 2019	W	W	-	1,418.4	-
October 2019	W	W	-	1,502.3	-
November 2018	W	W	-	1,454.2	-
<b>Utah</b>					
November 2019	W	W	W	W	-
October 2019	W	W	W	W	-
November 2018	W	W	W	3,240.2	W
<b>Wyoming</b>					
November 2019	W	10.5	-	868.4	-
October 2019	W	12.7	-	1,028.1	-
November 2018	W	12.3	-	873.4	-
<b>PAD District 5</b>					
November 2019	1,337.6	1,400.9	W	W	W
October 2019	1,412.4	1,477.6	W	W	W
November 2018	1,406.9	1,471.0	W	W	W
<b>Alaska</b>					
November 2019	W	W	W	W	W
October 2019	W	W	W	W	W
November 2018	W	W	W	W	W
<b>Arizona</b>					
November 2019	W	W	W	1,686.5	-
October 2019	W	W	W	1,915.7	-
November 2018	W	W	W	W	-
<b>California</b>					
November 2019	-	-	-	W	W
October 2019	-	-	-	W	W
November 2018	-	-	-	-	W
<b>Hawaii</b>					
November 2019	W	W	W	W	W
October 2019	W	W	W	W	W
November 2018	W	W	W	W	W
<b>Nevada</b>					
November 2019	W	W	W	1,773.1	W
October 2019	W	W	W	W	-
November 2018	W	W	W	1,760.8	W
<b>Oregon</b>					
November 2019	98.3	98.3	817.6	3,505.4	-
October 2019	112.4	112.4	818.2	3,536.8	-
November 2018	113.7	113.7	W	3,432.0	W
<b>Washington</b>					
November 2019	419.0	423.8	W	5,909.1	W
October 2019	435.3	441.5	W	6,126.4	W
November 2018	406.1	411.4	1,208.3	5,778.8	150.9

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Reformulated				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 4					
November 2019	-	-	-	-	-
October 2019	-	-	-	-	-
November 2018	-	-	-	-	-
Colorado					
November 2019	-	-	-	-	-
October 2019	-	-	-	-	-
November 2018	-	-	-	-	-
Idaho					
November 2019	-	-	-	-	-
October 2019	-	-	-	-	-
November 2018	-	-	-	-	-
Montana					
November 2019	-	-	-	-	-
October 2019	-	-	-	-	-
November 2018	-	-	-	-	-
Utah					
November 2019	-	-	-	-	-
October 2019	-	-	-	-	-
November 2018	-	-	-	-	-
Wyoming					
November 2019	-	-	-	-	-
October 2019	-	-	-	-	-
November 2018	-	-	-	-	-
PAD District 5					
November 2019	4,157.1	4,159.3	W	W	W
October 2019	4,039.4	4,042.0	W	W	W
November 2018	4,333.6	4,335.6	W	W	W
Alaska					
November 2019	-	-	-	-	-
October 2019	-	-	-	-	-
November 2018	-	-	-	-	-
Arizona					
November 2019	-	W	W	2,873.8	W
October 2019	-	W	W	2,865.7	NA
November 2018	-	W	W	W	W
California					
November 2019	4,157.1	W	W	W	W
October 2019	4,039.4	W	14,818.8	W	W
November 2018	4,333.6	W	15,065.4	17,100.9	W
Hawaii					
November 2019	-	-	-	-	-
October 2019	-	-	-	-	-
November 2018	-	-	-	-	-
Nevada					
November 2019	-	-	-	-	-
October 2019	-	-	-	-	-
November 2018	-	-	-	-	-
Oregon					
November 2019	-	-	-	-	-
October 2019	-	-	-	-	-
November 2018	-	-	-	-	-
Washington					
November 2019	-	-	-	-	-
October 2019	-	-	-	-	-
November 2018	-	-	-	-	-

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>PAD District 4</b>					
November 2019	W	W	W	W	-
October 2019	W	W	W	W	-
November 2018	W	W	W	12,468.9	W
<b>Colorado</b>					
November 2019	196.7	200.6	W	W	-
October 2019	213.8	217.5	W	W	-
November 2018	216.0	220.8	W	5,326.5	W
<b>Idaho</b>					
November 2019	W	W	-	1,556.6	-
October 2019	W	W	-	1,751.1	-
November 2018	W	W	-	1,574.7	-
<b>Montana</b>					
November 2019	W	W	-	1,418.4	-
October 2019	W	W	-	1,502.3	-
November 2018	W	W	-	1,454.2	-
<b>Utah</b>					
November 2019	W	W	W	W	-
October 2019	W	W	W	W	-
November 2018	W	W	W	3,240.2	W
<b>Wyoming</b>					
November 2019	W	10.5	-	868.4	-
October 2019	W	12.7	-	1,028.1	-
November 2018	W	12.3	-	873.4	-
<b>PAD District 5</b>					
November 2019	5,494.7	5,560.2	19,093.6	33,832.7	1,465.5
October 2019	5,451.7	5,519.6	19,451.6	35,132.3	1,656.6
November 2018	5,740.5	5,806.7	19,777.4	33,595.0	3,118.5
<b>Alaska</b>					
November 2019	W	W	W	W	W
October 2019	W	W	W	W	W
November 2018	W	W	W	W	W
<b>Arizona</b>					
November 2019	W	W	W	4,560.3	W
October 2019	W	W	1,409.3	4,781.4	NA
November 2018	W	W	W	4,795.7	W
<b>California</b>					
November 2019	4,157.1	4,158.5	W	17,506.4	W
October 2019	4,039.4	4,041.0	14,818.8	18,254.9	1,228.5
November 2018	4,333.6	4,334.7	15,065.4	17,100.9	1,929.5
<b>Hawaii</b>					
November 2019	W	W	W	W	W
October 2019	W	W	W	W	W
November 2018	W	W	W	W	W
<b>Nevada</b>					
November 2019	W	W	W	1,773.1	W
October 2019	W	W	W	W	-
November 2018	W	W	W	1,760.8	W
<b>Oregon</b>					
November 2019	98.3	98.3	817.6	3,505.4	-
October 2019	112.4	112.4	818.2	3,536.8	-
November 2018	113.7	113.7	W	3,432.0	W
<b>Washington</b>					
November 2019	419.0	423.8	W	5,909.1	W
October 2019	435.3	441.5	W	6,126.4	W
November 2018	406.1	411.4	1,208.3	5,778.8	150.9

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2019 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report.

**Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state**  
thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>United States</b>										
November 2019	W	389.8	30,538.4	40,374.1	W	1,308.2	108.9	2,720.7	4,129.8	38,308.6
October 2019	W	459.5	30,544.4	40,583.4	W	1,135.6	98.0	1,316.6	3,080.0	29,511.7
November 2018	W	347.2	30,896.6	38,140.1	W	1,449.1	95.3	2,677.6	3,653.8	33,611.7
<b>PAD District 1</b>										
November 2019	W	129.5	5,862.3	8,536.3	W	482.8	W	5.6	-	5,622.6
October 2019	W	147.7	5,293.0	7,971.8	4.6	338.5	-	W	-	3,937.5
November 2018	W	122.8	5,412.6	6,474.5	W	303.7	-	W	W	6,984.8
<b>Subdistrict 1A</b>										
November 2019	-	W	153.0	1,188.8	W	W	-	-	-	685.5
October 2019	-	W	173.9	1,074.5	W	-	-	-	-	436.3
November 2018	W	W	212.8	721.9	W	W	-	W	W	1,379.7
<b>Connecticut</b>										
November 2019	-	-	W	W	-	W	-	-	-	77.8
October 2019	-	-	W	W	-	-	-	-	-	53.5
November 2018	-	-	W	W	-	W	-	-	-	152.9
<b>Maine</b>										
November 2019	-	W	W	W	-	-	-	-	-	236.2
October 2019	-	W	W	W	-	-	-	-	-	155.5
November 2018	W	W	W	W	-	-	-	-	W	436.8
<b>Massachusetts</b>										
November 2019	-	-	W	W	W	-	-	-	-	W
October 2019	-	-	W	894.5	W	-	-	-	-	W
November 2018	-	-	W	672.5	W	-	-	-	-	175.7
<b>New Hampshire</b>										
November 2019	-	W	W	-	W	-	-	-	-	108.9
October 2019	-	-	W	-	W	-	-	-	-	79.2
November 2018	-	-	W	W	W	-	-	W	-	W
<b>Rhode Island</b>										
November 2019	-	-	W	W	W	-	-	-	-	W
October 2019	-	-	W	W	W	-	-	-	-	W
November 2018	-	-	W	W	W	-	-	-	-	W
<b>Vermont</b>										
November 2019	-	-	W	W	-	-	-	-	-	W
October 2019	-	-	W	W	-	-	-	-	-	W
November 2018	-	-	W	W	-	-	-	-	-	380.8
<b>Subdistrict 1B</b>										
November 2019	-	W	2,349.2	5,290.0	W	371.4	W	W	-	2,302.8
October 2019	W	W	2,368.1	4,981.6	3.2	289.9	-	W	-	1,585.1
November 2018	-	W	2,513.8	4,037.4	W	205.0	-	W	-	2,599.4
<b>Delaware</b>										
November 2019	-	-	-	W	W	W	-	-	-	W
October 2019	-	-	-	-	W	-	-	-	-	W
November 2018	-	-	-	-	W	-	-	-	-	186.6
<b>District of Columbia</b>										
November 2019	-	-	-	-	-	-	-	-	-	-
October 2019	-	-	-	-	-	-	-	-	-	-
November 2018	-	-	-	-	-	-	-	-	-	-
<b>Maryland</b>										
November 2019	-	-	W	W	-	W	-	-	-	W
October 2019	-	-	W	W	-	W	-	-	-	W
November 2018	-	-	W	58.7	-	W	-	-	-	50.6
<b>New Jersey</b>										
November 2019	-	-	868.6	3,328.4	W	140.9	-	-	-	320.9
October 2019	-	-	854.8	3,743.6	W	W	-	-	-	270.4
November 2018	-	-	1,002.6	3,396.0	W	W	-	-	-	302.0
<b>New York</b>										
November 2019	-	W	1,210.1	55.0	W	79.0	-	W	-	689.5
October 2019	-	W	1,232.4	W	W	31.6	-	W	-	346.7
November 2018	-	W	1,205.9	71.2	W	W	-	W	-	708.4
<b>Pennsylvania</b>										
November 2019	-	W	W	1,837.2	3.8	W	W	W	-	1,040.9
October 2019	W	W	W	1,098.1	1.0	W	-	W	-	799.9
November 2018	-	W	W	511.5	W	W	-	W	-	1,351.9

See footnotes at end of table.

**Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state (cont.)**

thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>Subdistrict 1C</b>										
November 2019	W	99.9	3,360.2	2,057.5	W	W	-	W	-	2,634.3
October 2019	W	105.5	2,751.0	1,915.7	W	48.6	-	W	-	1,916.1
November 2018	W	91.4	2,686.1	1,715.2	W	W	-	W	-	3,005.7
<b>Florida</b>										
November 2019	-	76.0	2,381.2	1,734.1	W	-	-	-	-	302.2
October 2019	-	73.5	1,684.3	1,369.2	W	-	-	-	-	285.7
November 2018	-	67.2	1,723.3	1,338.0	W	-	-	-	-	312.0
<b>Georgia</b>										
November 2019	W	W	W	81.1	-	W	-	W	-	564.9
October 2019	W	W	W	88.1	-	W	-	W	-	411.3
November 2018	W	W	W	W	-	W	-	W	-	623.0
<b>North Carolina</b>										
November 2019	-	W	118.5	94.4	W	86.0	-	-	-	897.4
October 2019	-	W	W	237.9	W	44.2	-	-	-	624.6
November 2018	-	W	W	142.3	W	W	-	-	-	929.5
<b>South Carolina</b>										
November 2019	-	-	W	74.4	W	W	-	-	-	557.6
October 2019	-	-	W	W	W	W	-	-	-	350.4
November 2018	-	-	W	73.6	W	W	-	-	-	781.8
<b>Virginia</b>										
November 2019	-	W	455.9	W	-	W	-	-	-	W
October 2019	-	W	535.2	140.4	-	W	-	-	-	W
November 2018	-	W	456.9	W	-	W	-	-	-	W
<b>West Virginia</b>										
November 2019	-	-	-	W	W	-	-	-	-	W
October 2019	-	-	-	W	W	-	-	-	-	W
November 2018	-	-	W	W	W	-	-	-	-	W
<b>PAD District 2</b>										
November 2019	W	78.8	5,870.7	4,757.1	W	W	23.6	2,105.9	W	17,027.5
October 2019	W	94.8	6,218.5	5,087.1	W	W	15.0	738.4	W	12,671.5
November 2018	W	66.6	6,139.6	4,998.4	W	W	14.8	1,998.1	W	12,973.4
<b>Illinois</b>										
November 2019	W	W	1,592.2	W	W	W	W	95.2	-	3,000.3
October 2019	W	W	1,622.3	W	W	W	W	38.7	-	2,217.6
November 2018	W	W	1,532.0	W	W	W	W	80.9	W	1,971.1
<b>Indiana</b>										
November 2019	-	-	841.7	229.2	W	18.4	-	W	W	494.7
October 2019	-	-	829.7	234.0	W	8.3	-	W	-	318.8
November 2018	-	-	933.4	255.9	W	21.6	-	W	-	315.1
<b>Iowa</b>										
November 2019	-	-	W	79.9	-	-	-	226.7	W	1,391.0
October 2019	-	-	W	90.6	-	W	-	47.5	W	955.0
November 2018	-	-	W	78.7	-	W	-	215.4	W	1,036.6
<b>Kansas</b>										
November 2019	W	W	W	W	-	W	W	178.4	-	4,705.3
October 2019	W	W	W	W	-	W	W	76.8	-	3,910.0
November 2018	W	W	W	W	-	W	W	190.2	-	2,777.5
<b>Kentucky</b>										
November 2019	-	W	W	325.3	W	W	W	W	-	687.9
October 2019	-	W	1,336.9	367.0	W	W	-	W	W	515.6
November 2018	-	W	1,001.0	W	W	W	W	W	-	689.1
<b>Michigan</b>										
November 2019	W	-	W	463.5	W	W	W	22.2	W	1,006.2
October 2019	-	-	W	480.1	W	W	W	6.0	W	655.4
November 2018	W	-	W	628.3	W	W	W	18.8	W	877.8
<b>Minnesota</b>										
November 2019	W	W	84.3	986.1	W	W	W	470.2	W	1,408.1
October 2019	W	W	76.6	1,099.9	W	W	W	140.3	W	753.2
November 2018	W	W	W	977.9	W	W	W	448.5	W	1,000.3
<b>Missouri</b>										
November 2019	W	-	W	W	-	W	-	19.4	-	431.1
October 2019	W	W	W	W	-	W	W	4.5	-	446.9
November 2018	W	-	W	W	-	-	W	20.2	W	490.5

See footnotes at end of table.

**Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state (cont.)**  
thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>PAD District 2 (cont.)</b>										
<b>Nebraska</b>										
November 2019	W	-	W	W	-	-	W	160.5	W	331.9
October 2019	W	-	W	W	-	-	W	63.3	W	298.9
November 2018	W	-	W	W	-	-	W	145.8	-	295.1
<b>North Dakota</b>										
November 2019	-	-	W	W	W	-	W	405.8	W	798.8
October 2019	-	-	W	W	W	-	W	227.4	W	645.5
November 2018	-	-	W	W	W	-	W	411.9	W	850.4
<b>Ohio</b>										
November 2019	-	W	448.2	427.3	W	W	-	W	-	867.8
October 2019	W	W	476.2	535.3	W	W	-	W	-	711.4
November 2018	W	W	454.3	539.4	W	W	-	W	-	814.4
<b>Oklahoma</b>										
November 2019	W	-	W	635.3	-	W	-	W	-	364.0
October 2019	W	-	W	550.4	-	W	-	W	-	348.4
November 2018	W	-	W	397.6	-	W	-	W	W	322.9
<b>South Dakota</b>										
November 2019	-	-	W	-	-	-	W	181.0	W	W
October 2019	-	-	W	-	-	-	W	60.1	W	134.6
November 2018	-	-	W	-	W	-	W	170.8	W	279.9
<b>Tennessee</b>										
November 2019	-	W	W	167.2	W	W	-	W	-	W
October 2019	W	18.5	W	215.2	W	W	-	W	-	170.3
November 2018	-	W	W	190.3	W	W	-	-	-	223.8
<b>Wisconsin</b>										
November 2019	-	-	W	8.7	W	W	W	147.3	W	1,083.2
October 2019	-	-	W	15.2	W	-	W	35.4	W	589.8
November 2018	-	-	66.9	W	W	W	W	115.0	W	1,029.0
<b>PAD District 3</b>										
November 2019	W	110.7	5,634.1	16,636.0	-	712.7	-	NA	3,525.2	12,407.1
October 2019	W	115.2	5,413.3	17,379.0	-	728.2	-	-	2,855.0	9,874.9
November 2018	W	90.5	5,830.3	17,764.7	-	1,004.0	-	W	3,218.6	10,758.6
<b>Alabama</b>										
November 2019	-	W	85.3	93.4	-	W	-	-	-	362.3
October 2019	-	W	86.6	75.4	-	W	-	-	-	266.9
November 2018	-	W	70.0	156.0	-	W	-	-	-	469.4
<b>Arkansas</b>										
November 2019	W	W	W	W	-	-	-	-	-	W
October 2019	W	-	W	W	-	-	-	-	-	W
November 2018	W	-	W	W	-	-	-	-	-	W
<b>Louisiana</b>										
November 2019	-	7.2	778.0	4,603.2	-	W	-	-	W	412.2
October 2019	-	7.4	690.0	3,734.6	-	W	-	-	W	176.7
November 2018	-	4.7	528.7	5,361.6	-	W	-	W	850.3	521.1
<b>Mississippi</b>										
November 2019	-	W	1,115.3	1,701.1	-	W	-	-	-	715.2
October 2019	-	W	943.5	1,978.9	-	W	-	-	-	462.6
November 2018	-	W	1,186.4	1,644.5	-	W	-	-	-	709.9
<b>New Mexico</b>										
November 2019	W	-	W	W	-	-	-	-	-	W
October 2019	W	-	W	W	-	-	-	-	-	W
November 2018	W	-	W	W	-	-	-	-	-	W
<b>Texas</b>										
November 2019	W	W	3,591.7	10,135.2	-	W	-	NA	W	10,743.7
October 2019	W	104.5	3,619.6	11,461.4	-	W	-	-	W	8,842.0
November 2018	W	W	3,984.4	10,518.7	-	W	-	-	2,368.3	8,890.4

See footnotes at end of table.



**Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state (cont.)**

thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>PAD District 4</b>										
November 2019	W	W	960.6	960.2	W	-	7.0	304.9	W	1,254.8
October 2019	W	W	1,002.4	993.9	W	-	W	W	W	1,116.8
November 2018	W	W	812.5	991.5	-	-	W	307.8	W	1,114.7
<b>Colorado</b>										
November 2019	W	-	343.1	644.9	-	-	W	88.4	W	407.1
October 2019	W	-	343.6	640.3	-	-	W	70.0	-	409.5
November 2018	W	-	303.8	660.9	-	-	-	108.1	W	461.2
<b>Idaho</b>										
November 2019	-	-	W	18.5	W	-	W	11.2	W	51.0
October 2019	-	-	W	16.4	W	-	W	W	W	48.2
November 2018	-	-	W	15.7	-	-	W	15.3	W	49.6
<b>Montana</b>										
November 2019	-	W	W	W	-	-	W	114.3	W	160.6
October 2019	W	W	W	W	-	-	W	67.7	W	133.7
November 2018	W	W	W	W	-	-	W	90.0	W	144.1
<b>Utah</b>										
November 2019	-	W	470.7	224.4	-	-	W	20.5	-	150.1
October 2019	W	W	482.9	256.0	-	-	W	23.9	-	104.5
November 2018	W	W	345.6	252.3	-	-	W	24.3	-	107.9
<b>Wyoming</b>										
November 2019	-	-	W	W	-	-	W	70.6	-	486.0
October 2019	-	-	W	W	-	-	-	49.5	-	420.9
November 2018	-	-	W	W	-	-	W	70.1	-	351.8
<b>PAD District 5</b>										
November 2019	W	W	12,210.8	9,484.4	W	W	W	304.3	W	1,996.6
October 2019	W	W	12,617.2	9,151.6	W	W	W	350.1	W	1,911.0
November 2018	W	W	12,701.6	7,911.0	-	W	W	357.0	W	1,780.2
<b>Alaska</b>										
November 2019	W	-	W	W	-	-	W	W	W	W
October 2019	W	W	W	W	-	-	W	W	W	W
November 2018	W	-	W	W	-	-	W	W	W	W
<b>Arizona</b>										
November 2019	W	W	W	196.3	-	-	-	-	-	186.4
October 2019	W	W	W	205.5	-	-	-	-	-	139.8
November 2018	W	W	90.8	278.3	-	-	-	-	-	181.7
<b>California</b>										
November 2019	W	25.6	6,977.8	7,097.1	W	W	-	-	-	1,147.9
October 2019	W	33.4	7,336.8	7,149.7	W	W	-	-	-	1,177.2
November 2018	W	23.6	7,541.7	5,317.5	-	W	-	-	-	1,053.8
<b>Hawaii</b>										
November 2019	-	-	W	W	-	-	-	-	-	W
October 2019	-	-	W	W	-	-	-	-	-	W
November 2018	-	W	W	W	-	-	-	-	-	W
<b>Nevada</b>										
November 2019	-	-	W	W	-	-	-	-	-	79.7
October 2019	-	-	W	W	-	-	-	-	-	55.4
November 2018	-	-	W	W	-	-	-	-	-	121.9
<b>Oregon</b>										
November 2019	-	9.5	392.7	W	-	-	-	W	W	119.1
October 2019	-	10.4	466.0	W	-	-	-	W	W	84.7
November 2018	-	11.2	460.9	W	-	-	-	W	W	W
<b>Washington</b>										
November 2019	-	W	1,742.7	718.7	-	-	W	W	W	421.4
October 2019	-	W	1,831.3	439.3	-	-	W	W	W	403.0
November 2018	-	W	1,692.9	884.8	-	-	W	W	W	293.2

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2019 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report.

**Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state**  
thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>United States</b>						
November 2019	10,354.3	165,171.8	W	W	W	W
October 2019	10,791.5	167,218.2	W	-	W	1,371.9
November 2018	12,785.0	154,013.7	W	W	W	W
<b>PAD District 1</b>						
November 2019	W	31,852.5	-	W	-	W
October 2019	W	31,144.4	-	-	-	W
November 2018	W	34,844.4	-	W	-	W
<b>Subdistrict 1A</b>						
November 2019	W	W	-	-	-	-
October 2019	W	W	-	-	-	-
November 2018	W	1,394.9	-	-	-	-
<b>Connecticut</b>						
November 2019	W	W	-	-	-	-
October 2019	W	W	-	-	-	-
November 2018	W	587.1	-	-	-	-
<b>Maine</b>						
November 2019	-	W	-	-	-	-
October 2019	-	W	-	-	-	-
November 2018	-	W	-	-	-	-
<b>Massachusetts</b>						
November 2019	W	W	-	-	-	-
October 2019	W	W	-	-	-	-
November 2018	W	W	-	-	-	-
<b>New Hampshire</b>						
November 2019	W	W	-	-	-	-
October 2019	W	W	-	-	-	-
November 2018	W	W	-	-	-	-
<b>Rhode Island</b>						
November 2019	W	349.7	-	-	-	-
October 2019	W	274.4	-	-	-	-
November 2018	W	W	-	-	-	-
<b>Vermont</b>						
November 2019	-	W	-	-	-	-
October 2019	-	W	-	-	-	-
November 2018	-	W	-	-	-	-
<b>Subdistrict 1B</b>						
November 2019	W	W	-	W	-	W
October 2019	W	W	-	-	-	W
November 2018	W	18,169.6	-	W	-	W
<b>Delaware</b>						
November 2019	W	W	-	-	-	-
October 2019	W	W	-	-	-	-
November 2018	W	W	-	-	-	-
<b>District of Columbia</b>						
November 2019	-	W	-	-	-	-
October 2019	-	W	-	-	-	-
November 2018	-	W	-	-	-	-
<b>Maryland</b>						
November 2019	W	W	-	-	-	W
October 2019	W	1,472.8	-	-	-	W
November 2018	W	W	-	-	-	W
<b>New Jersey</b>						
November 2019	100.0	7,134.9	-	W	-	W
October 2019	W	W	-	-	-	W
November 2018	W	9,421.5	-	W	-	W
<b>New York</b>						
November 2019	196.0	W	-	-	-	W
October 2019	209.1	W	-	-	-	W
November 2018	196.4	W	-	-	-	W
<b>Pennsylvania</b>						
November 2019	W	4,992.5	-	-	-	-
October 2019	W	4,066.3	-	-	-	-
November 2018	W	5,681.2	-	-	-	-

See footnotes at end of table.

**Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state (cont.)**

thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>Subdistrict 1C</b>						
November 2019	777.3	15,676.2	-	-	-	-
October 2019	895.3	16,490.0	-	-	-	-
November 2018	W	15,280.0	-	-	-	-
<b>Florida</b>						
November 2019	215.1	5,013.5	-	-	-	-
October 2019	227.8	5,119.7	-	-	-	-
November 2018	W	4,584.5	-	-	-	-
<b>Georgia</b>						
November 2019	44.4	2,611.3	-	-	-	-
October 2019	49.1	3,003.4	-	-	-	-
November 2018	70.3	W	-	-	-	-
<b>North Carolina</b>						
November 2019	298.2	W	-	-	-	-
October 2019	323.8	W	-	-	-	-
November 2018	373.7	W	-	-	-	-
<b>South Carolina</b>						
November 2019	W	1,588.4	-	-	-	-
October 2019	W	1,657.7	-	-	-	-
November 2018	W	W	-	-	-	-
<b>Virginia</b>						
November 2019	4.2	W	-	-	-	-
October 2019	6.5	W	-	-	-	-
November 2018	W	W	-	-	-	-
<b>West Virginia</b>						
November 2019	W	W	-	-	-	-
October 2019	W	W	-	-	-	-
November 2018	W	W	-	-	-	-
<b>PAD District 2</b>						
November 2019	W	46,602.2	-	-	-	-
October 2019	W	52,380.5	-	-	-	-
November 2018	W	W	-	-	-	-
<b>Illinois</b>						
November 2019	154.6	7,157.2	-	-	-	-
October 2019	166.1	7,616.6	-	-	-	-
November 2018	346.2	6,667.5	-	-	-	-
<b>Indiana</b>						
November 2019	W	4,186.5	-	-	-	-
October 2019	W	5,106.5	-	-	-	-
November 2018	W	3,778.4	-	-	-	-
<b>Iowa</b>						
November 2019	33.9	2,431.2	-	-	-	-
October 2019	29.3	2,553.1	-	-	-	-
November 2018	26.6	2,261.4	-	-	-	-
<b>Kansas</b>						
November 2019	W	3,422.0	-	-	-	-
October 2019	358.3	3,876.0	-	-	-	-
November 2018	484.0	3,374.4	-	-	-	-
<b>Kentucky</b>						
November 2019	362.8	1,767.5	-	-	-	-
October 2019	375.3	1,936.2	-	-	-	-
November 2018	483.0	1,818.3	-	-	-	-
<b>Michigan</b>						
November 2019	163.6	2,738.2	-	-	-	-
October 2019	174.6	2,989.8	-	-	-	-
November 2018	243.7	W	-	-	-	-
<b>Minnesota</b>						
November 2019	W	W	-	-	-	-
October 2019	W	W	-	-	-	-
November 2018	W	W	-	-	-	-
<b>Missouri</b>						
November 2019	1.3	1,623.8	-	-	-	-
October 2019	1.0	1,854.6	-	-	-	-
November 2018	W	1,606.3	-	-	-	-

See footnotes at end of table.

**Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state (cont.)**

thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>PAD District 2 (cont.)</b>						
<b>Nebraska</b>						
November 2019	W	1,497.5	-	-	-	-
October 2019	W	1,695.9	-	-	-	-
November 2018	W	1,417.1	-	-	-	-
<b>North Dakota</b>						
November 2019	W	1,235.2	-	-	-	-
October 2019	W	1,479.2	-	-	-	-
November 2018	W	1,190.3	-	-	-	-
<b>Ohio</b>						
November 2019	465.3	4,982.0	-	-	-	-
October 2019	422.7	5,755.3	-	-	-	-
November 2018	683.7	5,211.0	-	-	-	-
<b>Oklahoma</b>						
November 2019	145.3	5,886.4	-	-	-	-
October 2019	225.0	6,931.7	-	-	-	-
November 2018	W	5,988.3	-	-	-	-
<b>South Dakota</b>						
November 2019	W	746.7	-	-	-	-
October 2019	W	726.4	-	-	-	-
November 2018	W	614.0	-	-	-	-
<b>Tennessee</b>						
November 2019	216.3	3,794.8	-	-	-	-
October 2019	205.6	4,049.6	-	-	-	-
November 2018	352.2	3,644.7	-	-	-	-
<b>Wisconsin</b>						
November 2019	W	W	-	-	-	-
October 2019	W	W	-	-	-	-
November 2018	W	W	-	-	-	-
<b>PAD District 3</b>						
November 2019	2,616.3	59,922.2	-	-	-	402.6
October 2019	2,549.7	55,389.5	-	-	-	500.9
November 2018	3,118.3	47,974.2	-	-	-	858.4
<b>Alabama</b>						
November 2019	176.0	1,734.0	-	-	-	-
October 2019	173.6	1,808.4	-	-	-	-
November 2018	125.2	1,754.5	-	-	-	-
<b>Arkansas</b>						
November 2019	W	1,394.7	-	-	-	-
October 2019	W	1,709.8	-	-	-	-
November 2018	W	1,296.2	-	-	-	-
<b>Louisiana</b>						
November 2019	194.7	W	-	-	-	W
October 2019	182.5	W	-	-	-	W
November 2018	245.6	W	-	-	-	W
<b>Mississippi</b>						
November 2019	28.9	2,501.7	-	-	-	-
October 2019	37.7	W	-	-	-	-
November 2018	34.3	W	-	-	-	-
<b>New Mexico</b>						
November 2019	226.8	1,032.5	-	-	-	-
October 2019	289.5	1,081.6	-	-	-	-
November 2018	426.8	1,265.9	-	-	-	-
<b>Texas</b>						
November 2019	W	W	-	-	-	W
October 2019	W	W	-	-	-	W
November 2018	W	W	-	-	-	W

See footnotes at end of table.

**Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state (cont.)**

thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>PAD District 4</b>						
November 2019	W	6,204.5	-	-	-	-
October 2019	W	7,407.8	-	-	-	-
November 2018	W	6,188.3	-	-	-	-
<b>Colorado</b>						
November 2019	216.4	1,932.0	-	-	-	-
October 2019	208.9	2,203.8	-	-	-	-
November 2018	213.6	2,011.5	-	-	-	-
<b>Idaho</b>						
November 2019	W	618.4	-	-	-	-
October 2019	W	972.9	-	-	-	-
November 2018	W	678.1	-	-	-	-
<b>Montana</b>						
November 2019	W	1,080.3	-	-	-	-
October 2019	W	1,214.3	-	-	-	-
November 2018	W	993.1	-	-	-	-
<b>Utah</b>						
November 2019	W	1,513.2	-	-	-	-
October 2019	W	1,926.5	-	-	-	-
November 2018	W	1,343.3	-	-	-	-
<b>Wyoming</b>						
November 2019	320.5	1,060.6	-	-	-	-
October 2019	414.0	1,090.4	-	-	-	-
November 2018	326.2	1,162.4	-	-	-	-
<b>PAD District 5</b>						
November 2019	W	20,590.5	W	-	W	W
October 2019	W	20,895.9	W	-	W	W
November 2018	W	W	W	-	W	W
<b>Alaska</b>						
November 2019	W	W	-	-	-	-
October 2019	W	W	-	-	-	-
November 2018	W	W	-	-	-	-
<b>Arizona</b>						
November 2019	425.6	767.4	-	-	-	-
October 2019	465.2	837.6	-	-	-	-
November 2018	460.1	953.7	-	-	-	-
<b>California</b>						
November 2019	1,048.0	W	-	-	-	W
October 2019	1,094.6	W	-	-	-	W
November 2018	1,219.5	W	-	-	-	W
<b>Hawaii</b>						
November 2019	W	W	W	-	W	W
October 2019	W	W	W	-	W	W
November 2018	W	W	W	-	W	W
<b>Nevada</b>						
November 2019	W	457.4	-	-	-	-
October 2019	W	519.1	-	-	-	-
November 2018	W	563.0	-	-	-	-
<b>Oregon</b>						
November 2019	W	2,149.9	-	-	-	-
October 2019	24.9	2,389.5	-	-	-	-
November 2018	8.5	2,115.2	-	-	-	-
<b>Washington</b>						
November 2019	W	W	-	-	-	W
October 2019	201.5	W	-	-	W	W
November 2018	W	3,873.1	-	-	-	-

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: - In January 2007, ultra low-sulfur diesel fuel was added. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2019 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report.

**Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state**  
thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>United States</b>				
November 2019	103.0	12,769.5	10,699.8	179,161.5
October 2019	150.6	6,193.1	11,427.5	174,783.2
November 2018	160.5	12,856.8	13,300.7	168,116.6
<b>PAD District 1</b>				
November 2019	W	W	1,323.5	39,895.6
October 2019	W	W	1,486.7	36,539.9
November 2018	W	9,620.9	1,617.4	44,576.7
<b>Subdistrict 1A</b>				
November 2019	-	W	W	3,240.6
October 2019	-	W	W	2,968.4
November 2018	-	2,074.2	W	3,469.1
<b>Connecticut</b>				
November 2019	-	W	W	1,715.9
October 2019	-	W	W	1,267.7
November 2018	-	971.1	W	1,558.3
<b>Maine</b>				
November 2019	-	W	-	185.8
October 2019	-	W	-	441.3
November 2018	-	W	-	W
<b>Massachusetts</b>				
November 2019	-	W	W	458.5
October 2019	-	W	W	528.2
November 2018	-	W	W	552.4
<b>New Hampshire</b>				
November 2019	-	W	W	W
October 2019	-	W	W	W
November 2018	-	W	W	W
<b>Rhode Island</b>				
November 2019	-	246.2	W	595.9
October 2019	-	224.5	W	498.8
November 2018	-	W	W	NA
<b>Vermont</b>				
November 2019	-	W	-	W
October 2019	-	W	-	W
November 2018	-	W	-	W
<b>Subdistrict 1B</b>				
November 2019	W	6,055.8	W	20,917.5
October 2019	W	3,665.5	W	17,008.2
November 2018	W	7,066.2	W	25,347.0
<b>Delaware</b>				
November 2019	-	W	W	W
October 2019	-	W	W	W
November 2018	-	W	W	W
<b>District of Columbia</b>				
November 2019	-	-	-	W
October 2019	-	-	-	W
November 2018	-	-	-	W
<b>Maryland</b>				
November 2019	W	W	W	1,582.6
October 2019	-	W	W	1,589.2
November 2018	W	W	W	1,579.3
<b>New Jersey</b>				
November 2019	-	4,559.9	100.0	11,776.3
October 2019	W	2,729.3	128.2	9,028.3
November 2018	W	4,848.9	212.7	14,314.1
<b>New York</b>				
November 2019	-	642.2	196.0	1,644.8
October 2019	-	464.2	209.1	1,653.9
November 2018	-	970.8	196.4	2,066.8
<b>Pennsylvania</b>				
November 2019	W	494.7	152.8	5,487.2
October 2019	W	274.8	142.0	4,341.1
November 2018	W	831.6	249.3	6,512.8

See footnotes at end of table.

**Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state (cont.)**

thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>Subdistrict 1C</b>				
November 2019	-	61.3	777.3	15,737.5
October 2019	-	73.2	895.3	16,563.2
November 2018	W	480.6	913.5	15,760.6
<b>Florida</b>				
November 2019	-	-	215.1	5,013.5
October 2019	-	-	227.8	5,119.7
November 2018	W	-	319.6	4,584.5
<b>Georgia</b>				
November 2019	-	-	44.4	2,611.3
October 2019	-	-	49.1	3,003.4
November 2018	-	W	70.3	2,728.7
<b>North Carolina</b>				
November 2019	-	W	298.2	3,235.7
October 2019	-	W	323.8	3,197.2
November 2018	-	W	373.7	3,162.6
<b>South Carolina</b>				
November 2019	-	-	W	1,588.4
October 2019	-	-	W	1,657.7
November 2018	-	W	W	1,765.9
<b>Virginia</b>				
November 2019	-	W	4.2	2,610.4
October 2019	-	W	6.5	2,587.8
November 2018	-	W	W	2,711.9
<b>West Virginia</b>				
November 2019	-	W	W	678.3
October 2019	-	W	W	997.4
November 2018	-	W	W	806.9
<b>PAD District 2</b>				
November 2019	W	122.4	3,343.2	46,724.6
October 2019	W	114.8	3,334.7	52,495.4
November 2018	W	W	4,612.8	45,015.7
<b>Illinois</b>				
November 2019	-	-	154.6	7,157.2
October 2019	-	-	166.1	7,616.6
November 2018	-	-	346.2	6,667.5
<b>Indiana</b>				
November 2019	-	-	W	4,186.5
October 2019	-	-	W	5,106.5
November 2018	-	-	W	3,778.4
<b>Iowa</b>				
November 2019	-	-	33.9	2,431.2
October 2019	-	-	29.3	2,553.1
November 2018	-	-	26.6	2,261.4
<b>Kansas</b>				
November 2019	-	-	W	3,422.0
October 2019	-	-	358.3	3,876.0
November 2018	-	-	484.0	3,374.4
<b>Kentucky</b>				
November 2019	-	-	362.8	1,767.5
October 2019	-	-	375.3	1,936.2
November 2018	-	-	483.0	1,818.3
<b>Michigan</b>				
November 2019	-	116.1	163.6	2,854.3
October 2019	-	110.4	174.6	3,100.2
November 2018	-	W	243.7	2,619.7
<b>Minnesota</b>				
November 2019	W	W	313.5	2,663.9
October 2019	W	W	305.8	3,280.0
November 2018	W	W	313.9	2,623.7
<b>Missouri</b>				
November 2019	-	-	1.3	1,623.8
October 2019	-	-	1.0	1,854.6
November 2018	-	-	W	1,606.3

See footnotes at end of table.

**Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state (cont.)**

thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>PAD District 2 (cont.)</b>				
<b>Nebraska</b>				
November 2019	-	-	W	1,497.5
October 2019	-	-	W	1,695.9
November 2018	-	-	W	1,417.1
<b>North Dakota</b>				
November 2019	W	-	W	1,235.2
October 2019	W	-	W	1,479.2
November 2018	W	-	W	1,190.3
<b>Ohio</b>				
November 2019	-	-	465.3	4,982.0
October 2019	-	-	422.7	5,755.3
November 2018	-	-	683.7	5,211.0
<b>Oklahoma</b>				
November 2019	-	-	145.3	5,886.4
October 2019	-	-	225.0	6,931.7
November 2018	-	-	W	5,988.3
<b>South Dakota</b>				
November 2019	W	-	W	746.7
October 2019	W	-	W	726.4
November 2018	W	-	W	614.0
<b>Tennessee</b>				
November 2019	-	-	216.3	3,794.8
October 2019	-	-	205.6	4,049.6
November 2018	-	-	352.2	3,644.7
<b>Wisconsin</b>				
November 2019	W	W	48.8	2,475.7
October 2019	W	W	45.8	2,534.2
November 2018	W	W	64.6	2,200.6
<b>PAD District 3</b>				
November 2019	-	4,763.6	2,616.3	65,088.4
October 2019	-	937.0	2,549.7	56,827.3
November 2018	-	3,130.2	3,118.3	51,962.8
<b>Alabama</b>				
November 2019	-	-	176.0	1,734.0
October 2019	-	-	173.6	1,808.4
November 2018	-	-	125.2	1,754.5
<b>Arkansas</b>				
November 2019	-	-	W	1,394.7
October 2019	-	-	W	1,709.8
November 2018	-	-	W	1,296.2
<b>Louisiana</b>				
November 2019	-	2,374.6	194.7	14,295.8
October 2019	-	W	182.5	10,265.1
November 2018	-	W	245.6	10,193.3
<b>Mississippi</b>				
November 2019	-	469.2	W	2,970.9
October 2019	-	W	W	2,246.9
November 2018	-	W	W	2,188.0
<b>New Mexico</b>				
November 2019	-	-	226.8	1,032.5
October 2019	-	-	289.5	1,081.6
November 2018	-	-	426.8	1,265.9
<b>Texas</b>				
November 2019	-	1,919.8	1,947.4	43,660.5
October 2019	-	672.8	1,803.0	39,715.5
November 2018	-	1,674.4	2,186.1	35,264.8

See footnotes at end of table.



**Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state (cont.)**

thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>PAD District 4</b>				
November 2019	W	-	1,082.9	6,204.5
October 2019	W	-	1,164.0	7,407.8
November 2018	W	-	1,196.7	6,188.3
<b>Colorado</b>				
November 2019	-	-	216.4	1,932.0
October 2019	-	-	208.9	2,203.8
November 2018	-	-	213.6	2,011.5
<b>Idaho</b>				
November 2019	W	-	W	618.4
October 2019	W	-	W	972.9
November 2018	W	-	W	678.1
<b>Montana</b>				
November 2019	-	-	W	1,080.3
October 2019	-	-	W	1,214.3
November 2018	-	-	W	993.1
<b>Utah</b>				
November 2019	W	-	234.3	1,513.2
October 2019	W	-	245.5	1,926.5
November 2018	W	-	435.9	1,343.3
<b>Wyoming</b>				
November 2019	-	-	320.5	1,060.6
October 2019	-	-	414.0	1,090.4
November 2018	-	-	326.2	1,162.4
<b>PAD District 5</b>				
November 2019	W	W	2,333.9	21,248.4
October 2019	W	W	2,892.4	21,512.8
November 2018	W	W	2,755.6	20,373.2
<b>Alaska</b>				
November 2019	W	W	W	W
October 2019	W	W	W	W
November 2018	W	W	W	W
<b>Arizona</b>				
November 2019	-	-	425.6	767.4
October 2019	-	-	465.2	837.6
November 2018	-	-	460.1	953.7
<b>California</b>				
November 2019	-	-	1,048.0	13,428.1
October 2019	-	-	1,094.6	13,900.1
November 2018	-	-	1,219.5	12,528.3
<b>Hawaii</b>				
November 2019	-	-	W	W
October 2019	-	-	W	W
November 2018	-	-	W	W
<b>Nevada</b>				
November 2019	W	-	W	457.4
October 2019	W	-	W	519.1
November 2018	W	-	W	563.0
<b>Oregon</b>				
November 2019	-	-	W	2,149.9
October 2019	-	-	24.9	2,389.5
November 2018	-	-	8.5	2,115.2
<b>Washington</b>				
November 2019	W	-	216.0	3,905.1
October 2019	W	-	425.9	3,481.2
November 2018	W	-	245.3	3,873.1

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: - In January 2007, ultra low-sulfur diesel fuel was added. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2019 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

**Table 44. Refiner residual fuel oil and no. 4 fuel volumes by PAD District**

thousand gallons per day

Geographic area month	Residual fuel oil						No. 4 fuel[a]	
	Sulfur less than or equal to 1%		Sulfur greater than 1%		Total		Sales to end users	Sales for resale
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale		
United States								
November 2019	W	2,088.0	W	4,961.9	2,624.3	7,049.9	-	W
October 2019	W	1,663.6	W	6,080.9	2,765.3	7,744.5	-	W
November 2018	W	206.1	W	6,459.6	3,360.9	6,665.8	-	W
PAD District 1								
November 2019	W	W	W	W	W	W	-	-
October 2019	W	W	W	W	W	W	-	-
November 2018	W	W	W	W	W	2,130.1	-	-
Subdistrict 1A								
November 2019	-	-	-	-	-	-	-	-
October 2019	-	-	-	-	-	-	-	-
November 2018	-	-	-	-	-	-	-	-
Subdistrict 1B								
November 2019	W	W	W	W	W	W	-	-
October 2019	W	W	W	W	W	W	-	-
November 2018	W	W	W	W	W	2,130.1	-	-
Subdistrict 1C								
November 2019	-	-	-	-	-	-	-	-
October 2019	-	-	-	-	-	-	-	-
November 2018	-	-	-	-	-	-	-	-
PAD District 2								
November 2019	-	-	W	-	W	-	-	-
October 2019	-	-	W	-	W	-	-	-
November 2018	-	-	W	W	W	W	-	-
PAD District 3								
November 2019	-	W	106.0	W	106.0	2,940.3	-	W
October 2019	-	W	174.8	W	174.8	2,962.8	-	W
November 2018	-	W	685.9	W	685.9	3,561.3	-	W
PAD District 4								
November 2019	-	-	-	W	-	W	-	-
October 2019	-	-	-	W	-	W	-	-
November 2018	-	-	-	W	-	W	-	-
PAD District 5								
November 2019	W	W	W	W	2,317.2	1,934.6	-	-
October 2019	W	W	W	W	2,318.8	1,761.9	-	-
November 2018	W	W	W	W	2,405.0	W	-	-

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2019 are final.

Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.